

DEVICE, SYSTEM AND METHOD FOR
MEASURING THE INVERSE FINE STRUCTURE CONSTANT

ABSTRACT OF THE DISCLOSURE

5 A device, system and method for measuring the inverse fine structure
constant using cosmic compass technology to provide sidereal group and
phase velocities is presented. The measured daily oscillation of the phase
velocity can then be utilized to measure the inverse fine structure constant.
A system and method for detecting the cosmic microwave background
10 Doppler redshift direction is also provided as cosmic compass technology as
well as a device which can be utilized as a calendar and/or a clock.